

THE UNITED STATES PATENT AND TRADEMARK OFFICE (Case No. 98,506-C)

In application of:)	· -
	Frace et al.)	
	*)	Examiner:
Serial !	No. 09/485,099)	
F341 1	T. 1. 2000)	Group Art Unit:
Filed:	February 4, 2000)	
E	Duran and the of December and Influence)	
For:	Preparation and Use of Recombinant Influenza). `	
	A Virus M2 Constructs and Vaccines)	

TRANSMITTAL LETTER

Asst. Commissioner for Patents Washington, D.C. 20231

Dear Sir:

In regard to the above identified application,

- 1. We are transmitting herewith the attached:
 - a) Information Disclosure Statement;
 - b) PTO Form 1449 and 2 cited references;
 - c) Return postcard
- 2. With respect to fees:
 - a) No Fee is required.
 - b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.
- 3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Asst. Commissioner for Patents, Washington, D.C. 20231 on April 24, 2000

Date: April 24, 2000

Michael S. Greenfield Registration No. 37,142

Respectfully submitted

PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE (Case No. 98,506-C) In application of: Frace et al. Frace et al. Serial No. 09/485,099 Group Art Unit: Filed: February 4, 2000 For: Preparation and Use of Recombinant Influenza A Virus M2 Constructs and Vaccines

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97 - 1.99, the Applicant wishes to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. Section 1.56. Copies of the references cited below are enclosed. These references are also listed on the enclosed PTO Form 1449.

In the judgment of the undersigned, portions of the listed references may be material to the Examiner's consideration of the presently pending claims. This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or Section 103.

Pursuant to 37 C.F.R. §1.98(d), copies of references numbered 1-55 are not provided herewith, since they were previously provided in the parent case, U.S. Patent Application Serial No. 08/960,930, filed on August 6, 1997.

CERTIFICATE OF MAILING (37 C.F.R. 1.8a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington D.C. 20231, on April 24, 2000.

Date: April 24, 2000

Aichael S. Greenfield

APR 2 7 2000. International Patent No. WO 93/03173, published February 18, 1993

Banerji et al., (1983) Cell, Vol. 33, pp. 729

- 3. Black et al., (1993) Journal of General Virology, Vol. 74, pp. 1673-1677
- 4. Black et al., (1993) Journal of General Virology, Vol. 74, pp. 143-146
- 5. Bolivar et al., (1977) Gene, Vol. 2, pp. 95
- 6. Brophy et al., (1994) Experimental Parasitology, Vol. 79, pp. 89-96
- 7. Brown et al., (1979) Methods in Enzymology, Academic Press, N.Y. Vol. 68, pp. 109-151
- 8. Chang et al., (1978) Nature, Vol. 275, pp. 617
- 9. Ciampor et al., (1992b) Virus Research, Vol. 22, pp. 247-258
- 10. Epstein et al., (1993) Journal of Immunology, Vol. 150, pp. 5484-5493
- 11. Fiers et al., (1978) Nature, Vol. 273, pp. 113
- 12. Fikrig et al., (1990) Science, Vol. 250, pp. 553-555
- 13. Frangioni et al., (1993) Analytical Biochemistry, Vol. 210, pp. 179-187
- 14. Goeddel et al., (1979) Nature, Vol. 281, pp. 544
- 15. Graham et al., (1977) J. Gen. Virol. Vol. 36, pp. 59-72
- 16. Harrison et al., (1977) Virology, Vol. 77, pp. 319-329
- 17. Graham et al., (1977) Virology, Vol. 86, pp. 10-21
- 18. Grambas et al., (1992) Virology, Vol. 190, pp. 11-18
- 19. Grambas et al., (1992) Virology, Vol. 191, pp. 541-549
- 20. Guinea et al., (1994) FEBS Letters, Vol. 343, pp. 242-246
- 21. Holsinger et al., (1995) Journal of Virology, Vol. 69, pp. 1219-1225
- 22. Holsinger et al., (1994) *Journal of Virology*, Vol. 68, pp. 1551-1563
- 23. Hughey et al., (1995) Virology, Vol. 212, pp. 411-421

- 24. Ito et al., (1991) Journal of Virology, Vol. 65, pp. 5491-5498
- 25. Jacob et al., (1985) Embo Journal, Vol. 4, pp. 3339-3343
- 26. Jakeman et al., (1989) Journal of General Virology, Vol. 70, pp. 1523-1531
- 27. Johnson et al., (1989) Nature, Vol. 338, pp. 585-587
- 28. Jones, (1977) Genetics, Vol. 85, pp. 23
- 29. Katz et al., (1996) Options for the Control if Influenza III, pp. 837-43
- 30. Kingsman et al., (1979) Gene, Vol. 7, pp. 141
- 31. Kleid et al., (1981) Science, Vol. 214, pp. 1125-1129
- 32. Lamb et al., (1985) Cell, Vol. 40, pp. 627-633
- 33. Ling et al., (1994) Parasite Immunology, Vol. 16, pp. 63-67
- 34. Lusky et al., (1983) Mol. Cell Bio., Vol. 3, pp. 1108
- 35. MacIntyre et al., (1987) J. Biol. Chem., Vol. 262, pp. 8416-8422
- 36. Mulligan et al., (1980) Science, Vol. 209, pp. 1422
- 37. Osborne et al., (1984) Moll. Cell Bio., Vol. 4, pp. 1293
- 38. Shimbo et al., (1996) Biophysical Journal, Vol. 70, pp. 1335-1346
- 39. Slepushkin et al., (1995) Vaccine, Vol. 13, pp. 1399-1402
- 40. Smith et al., (1988) Gene, Vol. 67, pp. 31-40
- 41. Southern, et al., (1982) J. Molec. Appl. Genet., Vol. 1, pp. 327
- 42. Stinchcomb et al., (1979) Nature, Vol. 282, pp. 39
- 43. Srivastava et al., (1991) Microbiological Immunology, Vol. 35, pp. 863-870
- 44. Srivastava et al., (1995) Vaccine, Vol. 13, pp. 1251-1258
- 45. Sugden et al., (1985) Mol. Cell Biol., Vol. 5, pp. 410-413

- 46. Sugrue et al., (1990) EMBO Journal, Vol. 9, pp. 3469-3476
- 47. Summers et al., (1989) J. Biol. Chem., Vol. 264, pp. 20082-20088
- 48. Tosteson et al., (1994) Journal of Membrane Biology, Vol. 142, pp. 117-126
- 49. Treanor et al., (1990) Journal of Virology, Vol. 64, pp. 1375-1377
- 50. Tschemper et al., (1980) Gene, Vol. 10, pp. 157
- 51. Von Heijne et al., (1990) J. Membrane Biol., Vol. 115, pp. 195-201
- 52. Wang et al., (1995) Biophysical Journal, Vol. 69, pp. 1363-1371
- 53. Wang et al., (1994) Virology, Vol. 205, pp. 133-140
- 54. Yamane et al., (1988) J. Biol. Chem., Vol. 263, pp. 19690-19696
- 55. Zebedee et al., (1988) Journal of Virology, Vol. 62, pp. 2762-2772
- 56. Carter, (1990) Chapter 13 in: Protein Purification: From Molecular Mechanisms to Large Scale Processes. American Chemical Soc., Washington, D.C.
- 57. Wilson, et al., (1990) Annual Review in Immunology, Vol. 8, pp. 737-771

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

Date: April 24, 2000

By:

Michael S. Greenfield